

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0012669

Cherokee County

GDOT District 6 - Cartersville

Signal Upgrades – SR5 BU @ 1 Location;

SR 92 @ 7 Locations; SR 140 @ 1 Location

OFFICE Design Policy & Support

DATE 11/23/2015

Kim Phillips
FROM *for* Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Glenn Bowman, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Hiral Patel, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Richard Cobb, Location Bureau Chief
DeWayne Comer, District Engineer
David Acree, District Preconstruction Engineer
Cherie Marsh, District Planning & Programming Engineer
Sam Wheeler, Area Engineer - D6, A1
Mike Word, Project Manager
BOARD MEMBER - 11th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT**

FILE P.I. No. 0012669
Project Number N/A
Cherokee County
SR 5BU @ 1 LOC; SR 92 @ 7 LOC
& SR 140 @ 1 LOC IN CHEROKEE CO.

OFFICE Program Delivery

DATE 9/16/2014

FROM Albert V. Shelby III, State Program Delivery Engineer

TO Brent Story P.E., State Design Policy and Support Engineer
Attn: Dave Peters, P.E. State Conceptual Design Group Manager

SUBJECT Request for Location and Design Approval

Description and Project Proposal: The project will upgrade equipment, accommodate pedestrians, and update pedestrian facilities to meet current ADA standards at the following intersections.

- SR 5 BUS/SR 372/Ball Ground Hwy/Canton Hwy@ SR 372/AW Roberts Dr
- SR 92 @ Wiley Bridge/Knotts Pointe Dr
- SR 92 @ Weatherstone Dr/S Cherokee Ln
- SR 92@ Neese Rd
- SR 92 @ Londonderry Rd
- SR 92 @ Stonecroft Ln/Springfield Dr
- SR 92 @ Indian Valley Dr
- SR 92 @ Parkway 575
- SR 140/Marietta Hwy@ Cherokee High School/School Dr

The standard project limits will be 200 feet from the center point of the intersection; should setback loops need replacement, the project limits will be 500 feet from the center point of the intersection. If setback loops are present, the survey should include the edge of pavement and property lines to the setback loop. Standard erosion control details should be used. Traffic studies are not needed for this project. The scope of this project will be limited to equipment upgrades, pedestrian accommodations, and updating pedestrian facilities to meet ADA standards.

Concept Approval Date: September 15, 2014

Concept Update: N/A

Environmental Document: Categorical Exclusion, *Approved 11-20-2015*

Temporary State Route Needed: ☒ No ☐ Yes ☐ Undetermined

Public Involvement: N/A

Consistency with Approved Planning: N/A

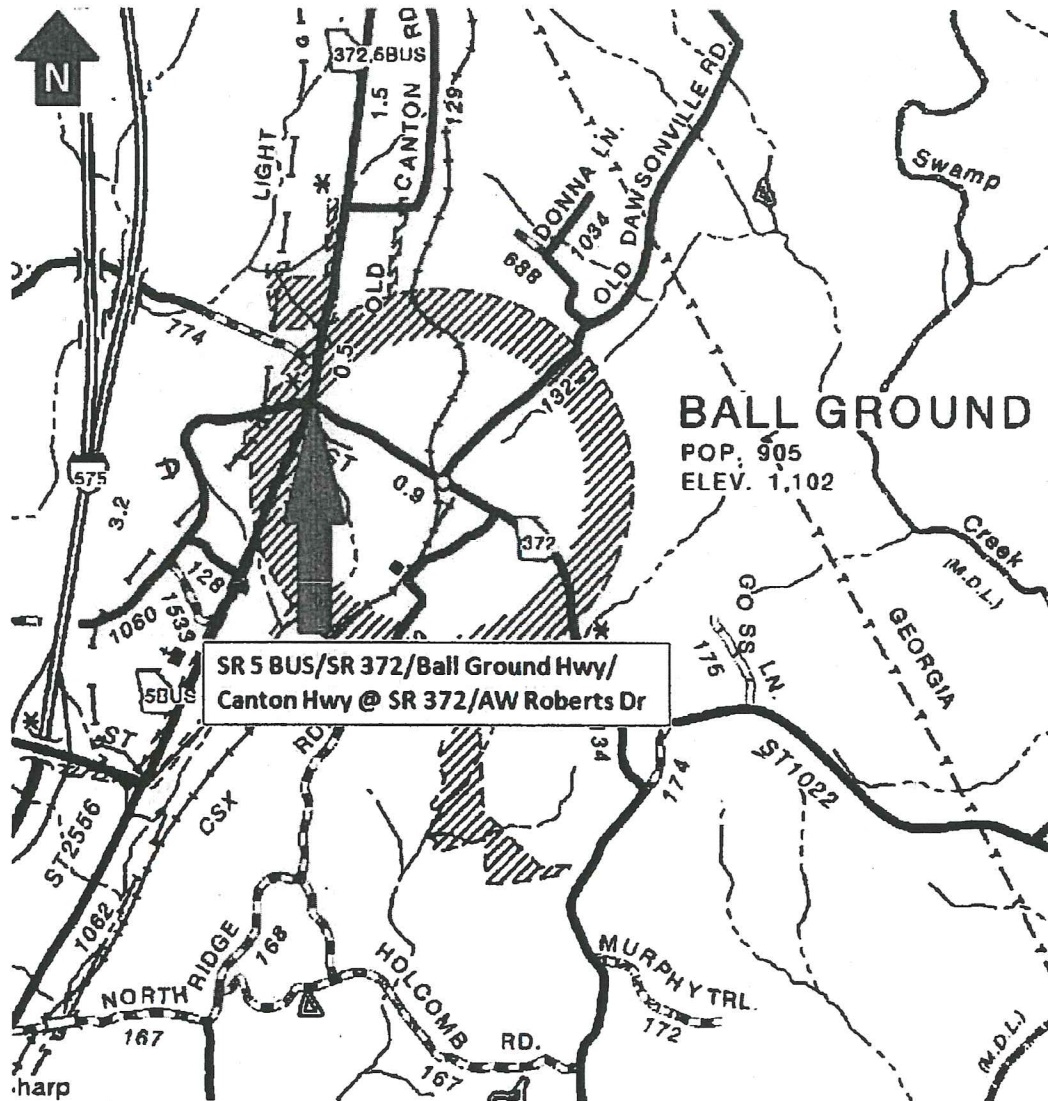
Recommendations: It is recommended that the location and design for the project be approved and that the attached Notice be approved for advertising.

DATE OF LOCATION AND DESIGN APPROVAL: November 23, 2015
(To be entered by State Conceptual Design Group Manager)

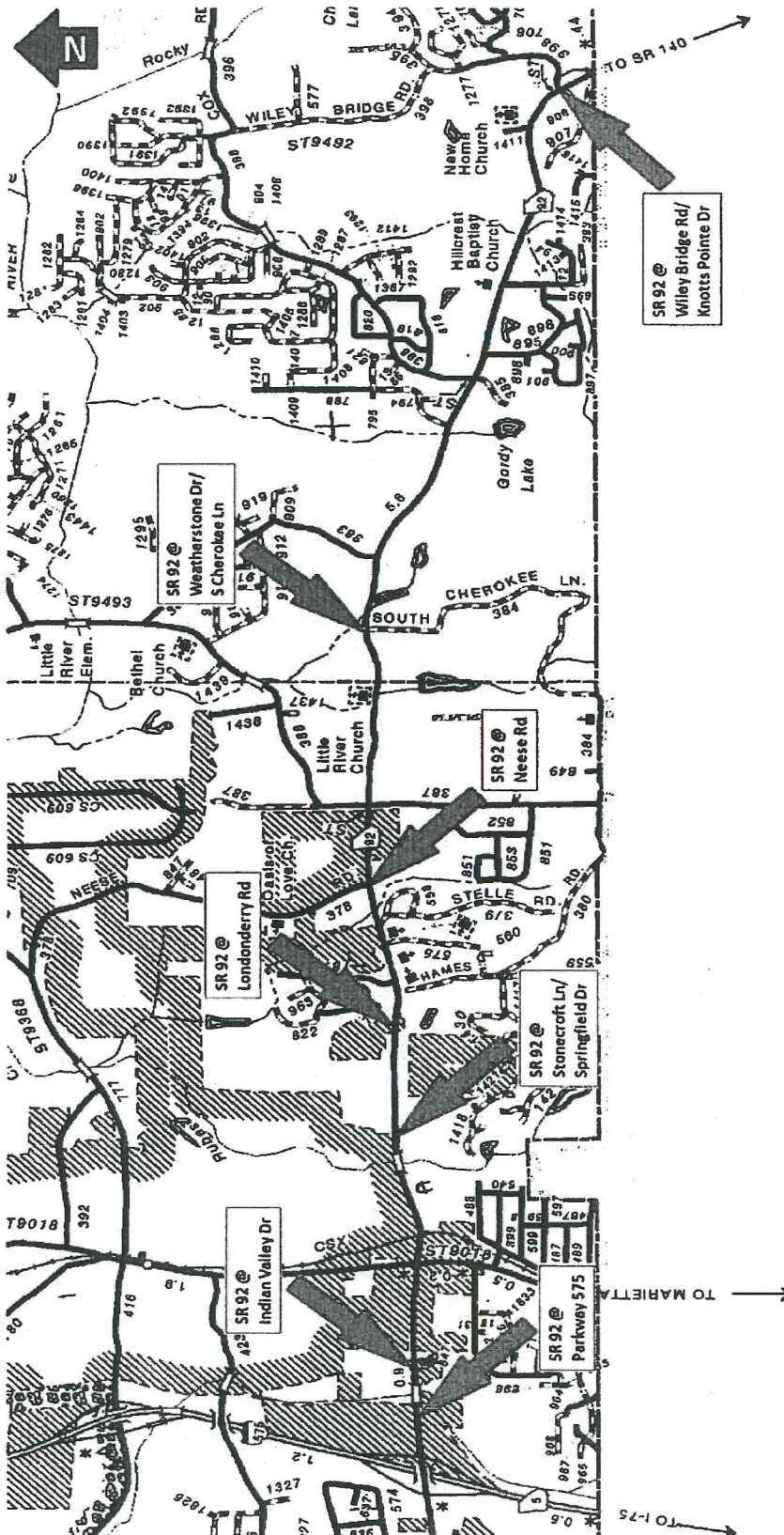
- Sketch Map
- Construction Cost Estimate
- Utility Cost Estimate
- ROW Cost estimate
- Notice of Location and Design Approval

PROJECT LOCATION

SR 5 BUS (Map Not to Scale)



SR 92 (Map Not to Scale)



CANTON
POP. 4,817
ELEV. 960'

SR 140/Marietta Hwy @
School Dr/Cherokee High School

The map shows the Canton River flowing through the city. Major roads include SR 140 (Marietta Hwy) and SR 575 (Canton Rd). The city of Canton is labeled, and the city of Marietta is visible to the north. The map also shows the location of Cherokee High School, marked with a large arrow. Other landmarks include Oak Dale Church and New Hope Church. The map includes a north arrow and a scale bar.

JOB ESTIMATE REPORT

JOB NUMBER : 0012669
DESCRIPTION: SR 5 BU @ 1 LOC; SR 92 @ 7 LOC & SR 140 @ 1 LOC

SPEC YEAR: 01

ITEMS FOR JOB 0012669

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - 0012669	1.000	113733.41	113733.41
0010	163-0232		AC	TEMPORARY GRASSING	1.000	437.96	437.96
0015	163-0240		TN	MULCH	10.000	275.41	2754.12
0020	441-0108		SY	CONC SIDEWALK, 8 IN	1410.000	46.50	65567.23
0025	636-1020		SF	HWY SGN, TP1MAT, REFL SH TP3	150.000	19.88	2982.52
0030	636-1033		SF	HWY SIGNS, TP1MAT, REFL SH TP 9	580.500	19.43	11280.17
0035	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 1	1.000	54000.00	54000.00
0040	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 2	1.000	57800.00	57800.00
0045	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 3	1.000	54200.00	54200.00
0050	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 4	1.000	50100.00	50100.00
0055	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 5	1.000	54000.00	54000.00
0060	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 6	1.000	52500.00	52500.00
0065	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 7	1.000	50000.00	50000.00
0070	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 8	1.000	55000.00	55000.00
0075	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 9	1.000	56300.00	56300.00
0120	700-6910		AC	PERMANENT GRASSING	1.000	738.15	738.15
0125	700-7000		TN	AGRICULTURAL LIME	4.000	150.70	602.84
0130	700-8000		TN	FERTILIZER MIXED GRADE	3.000	483.25	1449.75
0135	700-8100		LB	FERTILIZER NITROGEN CONTENT	200.000	2.61	522.38
0140	713-3011		SY	WOOD FIBER BLANKET, TP 1, SHOULDERS	10309.000	0.22	2312.41
0150	682-6233		LF	CONDUIT, NONMETL, TP 3, 2 IN	10309.000	5.00	51545.00
0155	441-0748		SY	CONC MEDIAN, 6 IN	329.000	62.78	20656.48
0160	639-3004		EA	STEEL STRAIN POLE, TP IV	24.000	11570.81	277699.61
0165	639-3014		EA	STEEL STR POLE, TP 4, LUMIN ARM W/ 40' MAST ARM	2.000	10354.07	20708.15
0170	639-3014		EA	STEEL STR POLE, TP 4, LUMIN ARM W/ 50' MAST ARM	2.000	10354.07	20708.15
0175	639-3014		EA	STEEL STR POLE, TP 4, LUMIN ARM W/ TANDEM	1.000	11168.81	11168.81
0180	639-3014		EA	50' MAST ARMS			
0185	639-3014		EA	STEEL STR POLE, TP 4, LUMIN ARM W/ 60' MAST ARM	1.000	11168.81	11168.81
0190	639-3014		EA	STEEL STR POLE, TP 4, LUMIN ARM W/ 65' MAST ARM	1.000	11168.81	11168.81
0195	639-3014		EA	TANDEM MAST ARMS	2.000	10354.07	20708.15
0195	653-1502		LF	THERMO SOLID TRAF ST, 5 IN YEL	126.000	1.11	140.50
0200	653-1704		LF	THERMO SOLID TRAF STRIPE, 24" WH	1132.000	5.84	6621.34
0205	653-1501		LF	THERMO SOLID TRAF ST 5 IN, WHI	928.000	0.88	818.67
0210	653-1804		LF	THERMO SOLID TRAF STRIPE, 8" WH	14497.000	2.47	35812.52
0215	653-6004		SY	THERM TRAF STRIPING, WHITE	500.000	4.62	2313.71
0220	681-5112		EA	LUMIN BRACKET ARM, 10 FT ARM	13.000	650.00	8450.00
0225	682-9950		LF	DIRECTIONAL BORE - 3 IN	1388.000	13.00	18044.00
0230	682-9950		LF	DIRECTIONAL BORE - 5 IN	326.000	15.00	4890.00
0235	682-9950		LF	DIRECTIONAL BORE - 7 IN	995.000	17.00	16915.00

8.25.15

STATE HIGHWAY AGENCY

DATE : 08/25/2015

PAGE : 2

JOB ESTIMATE REPORT

0240	937-6050	EA	INT VIDEO DET SYS ASMBLY, TP A	4.000	4562.22	18248.90
0245	937-8030	LS	TESTING - INTERSECTION VIDEO DETECTION	1.000	3500.00	3500.00
0250	937-8530	LS	TRAINING - INTERSECTION VIDEO DETECTION	1.000	3500.00	3500.00
ITEM TOTAL						1251067.55
INFLATED ITEM TOTAL						1251067.55

TOTALS FOR JOB 0012669

ESTIMATED COST:	1251067.55
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	1251067.55

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE Cherokee County
Signal Upgrades SR 92 @ 7 locations;
SR 372 @ 1 location; SR 140 @ 1 location
P.I. No. 0012669

OFFICE Cartersville

DATE July 13, 2015

FROM  Kerry D. Bonner, District Utilities Engineer

TO Albert V. Shelby, P.E., State Program Delivery Engineer
ATTN: Cynthia Burney

SUBJECT UPDATED PRELIMINARY UTILITY COST ESTIMATE

We are furnishing you with an updated Preliminary Utility Cost estimate for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON-REIMBURSABLE	REIMBURSABLE
Atlanta Gas Light	\$ 90,000.00	
BellSouth Telecommunications	\$ 30,000.00	
City of Ball Ground (water/sewer)	\$ 30,000.00	
City of Woodstock (water/sewer)	\$ 100,000.00	
Cobb EMC		\$ 190,000.00
Comcast Communications	\$ 30,000.00	
Cherokee County Water Sewer Auth.	\$ 125,000.00	
Ellijay Telephone	\$ 20,000.00	
Georgia Power Distribution		\$ 135,000.00
TDS Telecom	\$ 15,000.00	
Sunesys	\$ 15,000.00	
Windstream	\$ 15,000.00	
Totals	\$ 470,000.00	\$ 325,000.00

Total Updated Utility Cost \$ 795,000.00.

* The reimbursable amount could increase to \$580,000.00 if Cherokee County Water and Sewer Authority, City of Ball Ground and City of Woodstock were to apply for utility assistance for the relocation of their facilities.

If you have any questions, please contact Stanley McCarley at 678-721-5324.

KDB/sm

C: Lee Upkins, State Utilities Engineer
File

Department of Transportation State of Georgia

Interdepartmental Correspondence

FILE	R/W Cost Estimate	OFFICE	Atlanta
		DATE	July 10, 2015
FROM	Phil Copeland, Right of Way Administrator LaShone Alexander, Right of Way Cost Estimator		
TO	Cynthia Burney, Project Manager		
SUBJECT	Preliminary Right of Way Cost Estimate Project: Cherokee County P.I. No.: 0012669 Description: SR 140 @ School Drive		

As per your request, attached is a copy of the approved Preliminary Right of Way Cost Estimates on the above referenced projects.

If you have any questions, please contact LaShone Alexander at
600 Peachtree Street, Atlanta, GA 30308,
Right of Way Office at (478) 553-1569 or (478) 232-4045.

PC:LA
Attachments
c: file

GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 7/1/2015 Project: 0012699
Revised: County: Cherokee
PI: 0012699

Description: SR140@School Drive & Cherokee High School
Project Termini: SR140@School Drive & Cherokee High School

Existing ROW: Varies
Required ROW: Varies
Parcels: 3

Land and Improvements \$171,000.00

Proximity Damage \$0.00

Consequential Damage \$0.00

Cost to Cures \$0.00

Trade Fixtures \$0.00

Improvements \$70,000.00

Valuation Services \$18,750.00

Legal Services \$39,525.00

Relocation \$6,000.00

Demolition \$0.00

Administrative \$28,500.00

TOTAL ESTIMATED COSTS \$263,775.00

TOTAL ESTIMATED COSTS (ROUNDED) \$264,000.00

Preparation Credits	Hours	Signature

Prepared By: Dathone Alexander CG#: 286999 07/10/2015 (DATE)
Approved By: Dathone Alexander CG#: 286999 07/10/2015 (DATE)

NOTE: No Market Appreciation is included in this Preliminary Cost Estimate

NOTICE OF LOCATION AND DESIGN APPROVAL

CHEROKEE COUNTY

P. I. NUMBER 0012669

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: November 23, 2015

This project consists of nine signalized intersections in Cherokee County in need of improvements to address compliance with current GDOT standards and the Manual on Uniform Traffic Control Devices (MUTCD) and the requirements of the Americans with Disabilities Act (ADA). The proposed project will enhance efficiency for vehicular and pedestrian movements at several locations by providing upgraded traffic signal equipment and pedestrian platforms, energy saving LED signal heads, wheelchair ramps, and pedestrian signals and cross walk striping. The project is located in Cherokee County in the 3rd, 4th, 14th, and 15th Cherokee Land Districts. It is also located in the following Georgia Militia Districts: GMD 792, 890, 1015, and 1032.

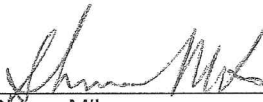
Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Sam Wheeler, Area Engineer
Georgia Department of Transportation
District 6, Area 1 Office
swheeler@dot.ga.gov
874 Peoples Valley Road, N.W.
Cartersville, Georgia 30120
(770) 387-3680

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Albert V. Shelby III, State Program Delivery Engineer
Office of Program Delivery
Attn: Micheal T. Word
micword@dot.ga.gov
One Georgia Center
600 West Peachtree Street, NW
Atlanta, Georgia 30308
(404) 631-1866

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.



Shana Miles
NEPA Planner
GDOT

11-17-15
Date

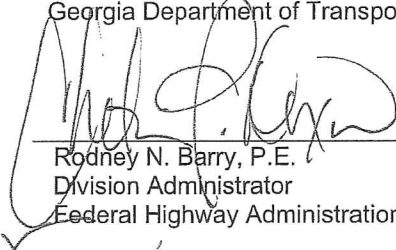
Concurred By:



Hiral Patel, P.E.
State Environmental Administrator
Georgia Department of Transportation

11/17/15
Date

Approved By:



Rodney N. Barry, P.E.
Division Administrator
Federal Highway Administration

11/20/15
Date

Attachments appear in the following order:

1. Effects Evaluation
2. Correspondence & Report Coordination